Resource Summary Report

Generated by NIF on Sep 19, 2026

Open National Cancer Institute Database

RRID:SCR_014886
Type: Tool

Proper Citation

Open National Cancer Institute Database (RRID:SCR_014886)

Resource Information

URL: https://cactus.nci.nih.gov/ncidb2.2/

Proper Citation: Open National Cancer Institute Database (RRID:SCR_014886)

Description: Public web server that provides structures, data, tools, programs and other useful information to the public for computer-aided drug design. It is the official database of the Computer-Aided Drug Design (CADD) Group.

Resource Type: data or information resource, database, software resource, web application

Keywords: drug design, drug testing, computer-aided, web, database, server, computer-aided drug design, cadd

Availability: Public, Available to the research communtiy

Resource Name: Open National Cancer Institute Database

Resource ID: SCR_014886

Record Creation Time: 20220129T080322+0000

Record Last Update: 20260912T195822+0000

Ratings and Alerts

No rating or validation information has been found for Open National Cancer Institute Database.

No alerts have been found for Open National Cancer Institute Database.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Zhang C, et al. (2024) SARS-CoV-2 ORF3a induces COVID-19-associated kidney injury through HMGB1-mediated cytokine production. mBio, 15(11), e0230824.

Vester K, et al. (2023) Conformation-dependent ligand hot spots in the spliceosomal RNA helicase BRR2. Acta crystallographica. Section D, Structural biology, 79(Pt 4), 304.

Naasani I, et al. (2021) COMPARE Analysis, a Bioinformatic Approach to Accelerate Drug Repurposing against Covid-19 and Other Emerging Epidemics. SLAS discovery : advancing life sciences R & D, 26(3), 345.

Carpio LE, et al. (2021) Computational strategies for the discovery of biological functions of health foods, nutraceuticals and cosmeceuticals: a review. Molecular diversity, 25(3), 1425.

Hashemi ZS, et al. (2021) In silico Approaches for the Design and Optimization of Interfering Peptides Against Protein-Protein Interactions. Frontiers in molecular biosciences, 8, 669431.

John A, et al. (2020) Microsecond Simulation of the Proteoglycan-like Region of Carbonic Anhydrase IX and Design of Chemical Inhibitors Targeting pH Homeostasis in Cancer Cells. ACS omega, 5(8), 4270.

Hashemi S, et al. (2020) Discovery of direct inhibitor of KRAS oncogenic protein by natural products: a combination of pharmacophore search, molecular docking, and molecular dynamic studies. Research in pharmaceutical sciences, 15(3), 226.

Zhu S, et al. (2019) Discovery and Computational Analyses of Novel Small Molecule Zika Virus Inhibitors. Molecules (Basel, Switzerland), 24(8).

Gagic Z, et al. (2019) In silico Methods for Design of Kinase Inhibitors as Anticancer Drugs. Frontiers in chemistry, 7, 873.

Zhang C, et al. (2018) Virtual Screening, Biological Evaluation, and 3D-QSAR Studies of New HIV-1 Entry Inhibitors That Function via the CD4 Primary Receptor. Molecules (Basel, Switzerland), 23(11).